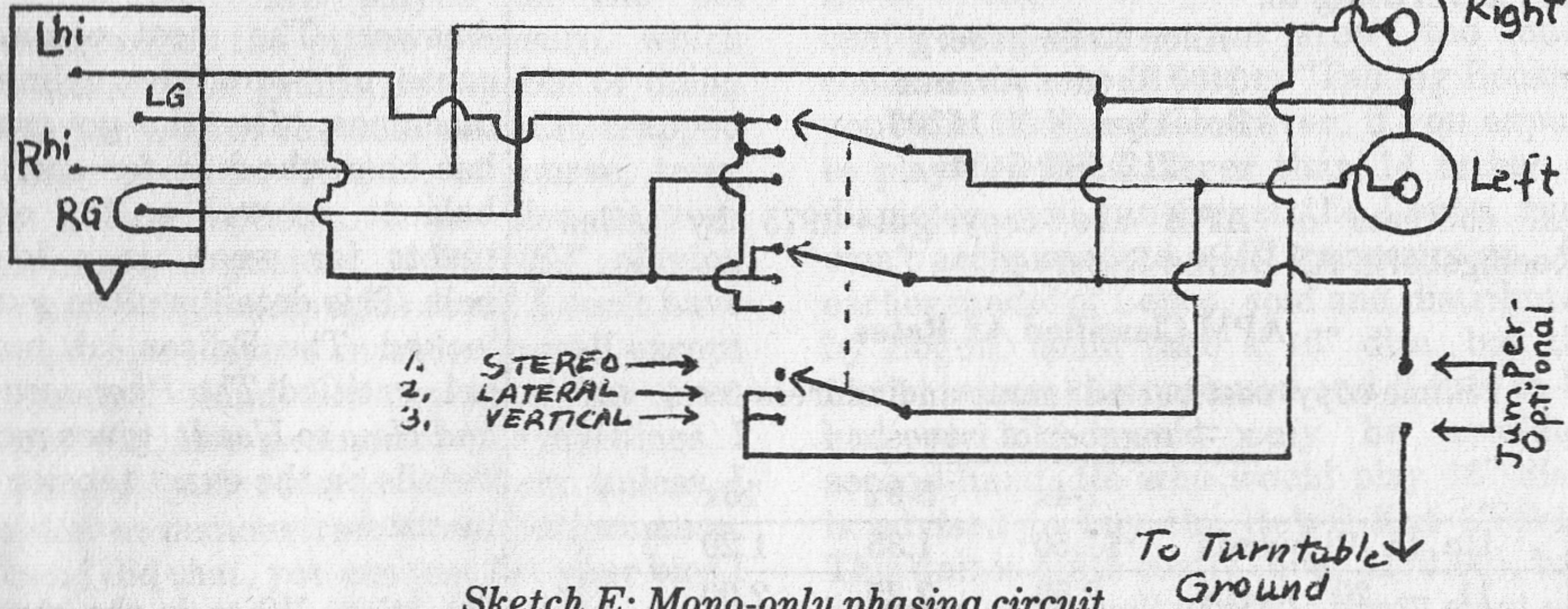


THE ANTIQUE PHONOGRAPH MONTHLY

Vol. III, No. 7 • 3400 Snyder Avenue, Brooklyn, N.Y. 11203 • Aug.-Sept., 1975

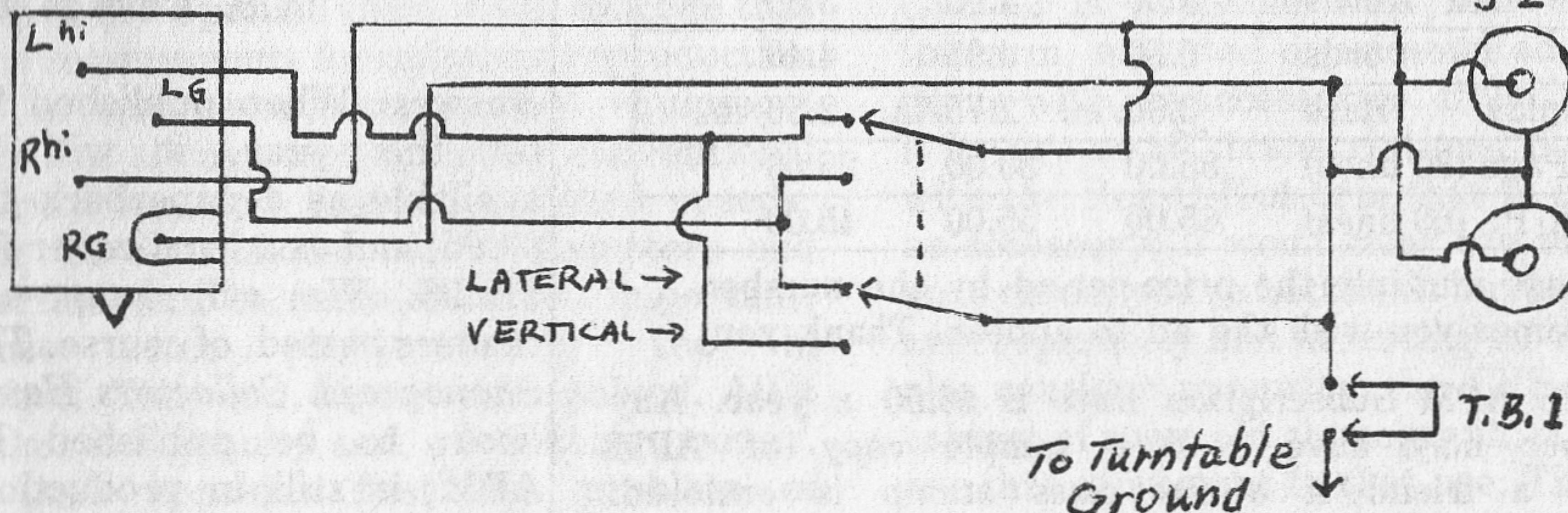
Sketch "D": Three-way cartridge phasing circuit

CARTRIDGE



Sketch E: Mono-only phasing circuit

CARTRIDGE



PARTS:

Cartridge = Shure M-44 stereo
 SW-1 = 3-pole, 3-position non-shorting;
 Use Centralab PA-1007 or equivalent.
 SW-2 = Any suitable DPDT switch
 TB-1 = 2-terminal barrier strip, mounted
 at rear of motorboard.

NOTES:

1. Cartridge case is grounded at RG.
2. J-2 (jack) is optional for mono-only circuit of Sketch E. Use if turntable is to be played through a stereo amplifier.
3. Arrangement of TB-1 permits grounding of turntable either via audio cable or separate ground lead attached to bottom terminal.

PLAYING OLDIES THE NEW WAY

George Blacker

THE ANTIQUE PHONOGRAPH MONTHLY is published ten times a year, appearing in double issues for June-July and August-September. It is mailed first class to subscribers in the U.S.A. and Canada, and via surface or airmail to overseas. APM welcomes articles and news of interest to its readers and offers its advertising pages to all at reasonable rates. Please notify us promptly of your change of address to ensure receiving your copies on time. Please send all correspondence, subscription orders, and advertising to:

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6012	Rendezvous Valse	PO
6013	Sambo at the Cake Walk	PO
6014	Serenade Waltz	PO
6015	Society Buds March	PO
6016	Tempest March	PO
6017	Charlatan March	PO
6018	Yankee Doodle Dandy Lanciers	PO
6019	Yankee Doodle Dandy, Selections	PO
6020	Charlatan Mazurka	PO
6021	Charlatan Waltz	PO
6022	Dinah Polka	PO
6023	Charlatan, Selections	PO
6024	Battle of Manila	PO
6025	Uncle Sam's Navy March	PO
6026	Country Club March	PO

6200	Anvil Chorus	John Yorke Atlee
6201	Bobolink Polka	Atlee
6202	Devil's March	Atlee
6203	Golden Robin Polka	Atlee
6204	Whistling Susanna	Atlee
6302	Wania	Madame Rombro

DEAR APM:

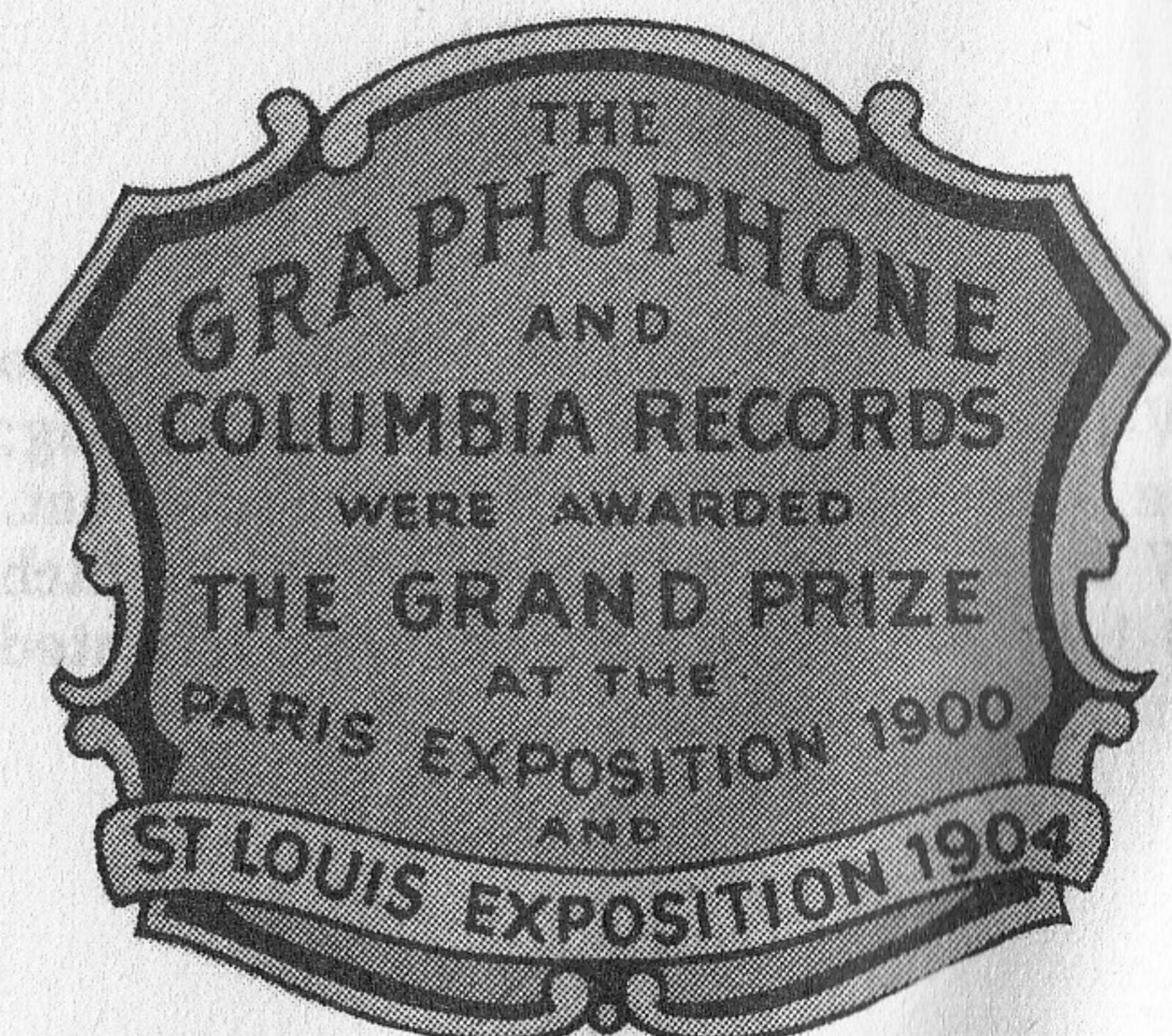
Question: I have a pronounced "wow" on my Edison Triumph Phonograph. what is causing this? L.T., Stamford, Conn.

Answer: The most common cause of "wow" on cylinder machines, after the governor has been checked for correct balance, as well as the end-pivots for wear, is a loose belt. This detail is often overlooked. The Edison lab manual, entitled *The Phonograph and How to Use It*, gives more details on the exact tension to be used.

Question: What is the status of *Tinfoil to Stereo*?

A.B., Chicago, Ill.

Answer: When published later this year, it will be available as a paperback for \$9.95, and as a hard-cover for \$19.95. We will keep our readers posted, of course. *The Phonograph Collectors Handbook*, to be published by APM, is still in production.



A close-up of the Columbia Award Decal, which is frequently found in a flaky condition. Bill Sorice, 16 Hilltop Drive, Manhasset, N.Y. 11030, has kindly reproduced these in the original colors for APM readers at \$1.25 each, or \$5.00 for five. They are very well done!

PLAYING OLDIES THE NEW WAY

George A. Blacker

In his article on cleaning old records which appeared in this journal recently (Dec. 1974), Ken Barnes advanced as a reason for cleaning old records the fact that, if they are played on the old phonographs, the stylus pressure, which can exceed 100 grams, is capable of doing great harm with the dust and dirt trapped in their grooves. This is, of course, true, but in my opinion, it is also a very convincing argument *AGAINST* playing them on old phonographs at all! I don't have any old disc players anymore myself except a Berliner Hand Gramophone, but even when I did have a couple of disc machines, I seldom played records on them unless I wanted to demonstrate their performance. When I did that, you can just bet your bird I didn't use anything of value! My philosophy regarding record reproduction is: Pamper them, don't punish them. I will concede that the requirements for optimum reproduction of antique records on modern equipment are not always met by many conventional turntables, and that off-standard speeds, groove dimensions, record diameters and vertical cut, to name the most important, pose some problems for the hi fi buff. They can, however, be solved. All it takes is ingenuity and, predictably, money.

Let's consider first the problem of off-standard speeds. If you have a number of old Berliners or pre-dog Victors in your collection, you know that they sound like monkey chatter if they're played at the fixed speed of 78 rpm, as opposed to the 70 rpm or so at which they were originally cut. There is less of an audible effect when an 80 rpm record (such as an Edison Diamond Disc) is played at 78 rpm. Only a dedicated purist would mind that, but when you encounter speeds well below 78, you begin to get into difficulties.

There are two continuously-variable speed turntables on the market that will accommodate all the standard record speeds in addition to the oddball figures that showed up in the earlier years of the century. One of these is the Lenco L-75, the other the Rek-O-Kut CVS-12. Of these, the Lenco is the less costly (under \$125.00) and offers the advantage of being already mounted and fitted with a tonearm to which one need only add a cartridge. Its nominal

speed range is approximately 15-85 rpm, but it is often possible to adjust the mechanism to yield a higher maximum speed, possibly at some sacrifice of the lower range. If you expect to play center-start Pathes but aren't too much concerned about 16 $\frac{2}{3}$ rpm "Talking Books", you're in business. However, if you expect to play anything larger than 14 inches in diameter, you can forget the Lenco, as it won't accommodate a 16" transcription. An earlier model of Lenco, sold and distributed by Bogen, could take a 16" disc, but the model is now discontinued and if it is to be had at all, would only be available second-hand. He who would play 16" discs is advised to buy the Rek-O-Kut CVS-12. This unit is quite costly (over \$170.00), but, in my opinion, well worth it if you want one turntable to do a multitude of jobs. The CVS-12 is available with and without a tonearm, mounted or unmounted, the cost rising with the accessories. If you're buying it for use on 16" transcriptions, don't buy it with the Rek-O-Kut arm that is offered as an accessory; it won't clear the biggies. In such cases, you're better off buying a larger arm separately and mounting it. You might also consider mounting the CVS-12 in the cabinet of some old phonograph, if you have one that can be put to that use. The cabinet of an Edison Diamond Disc phonograph, especially one of the larger models, can be very easily modified to accommodate a new turntable and arm, once the old mechanism has been removed. Don't try to put a loudspeaker into the record compartment, though; you'll run into acoustic feedback problems. And if you put an amplifier into the area formerly occupied by the horn, be sure to provide adequate ventilation. A small Rotron "Muffin" fan might be a good idea in such cases.

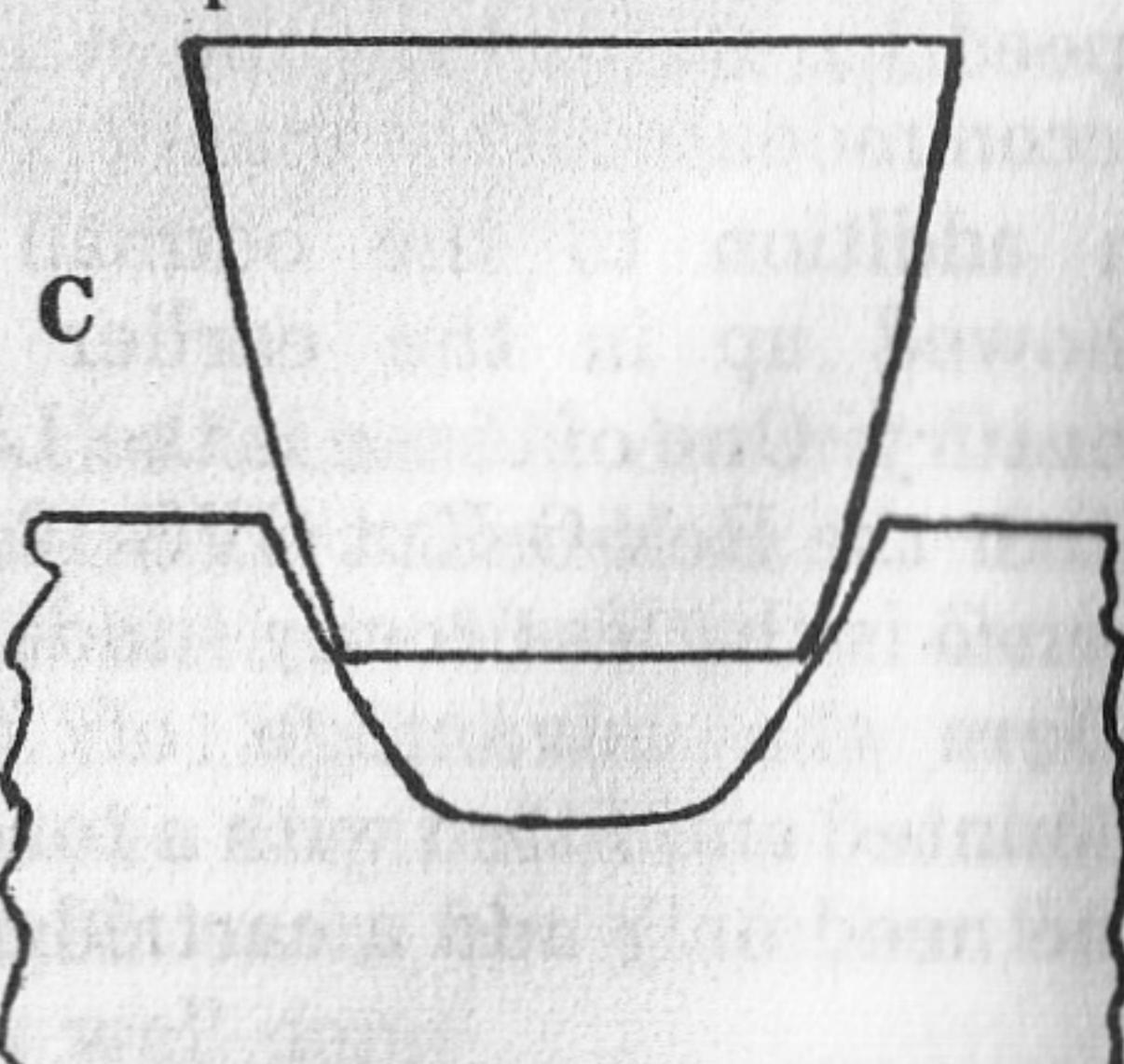
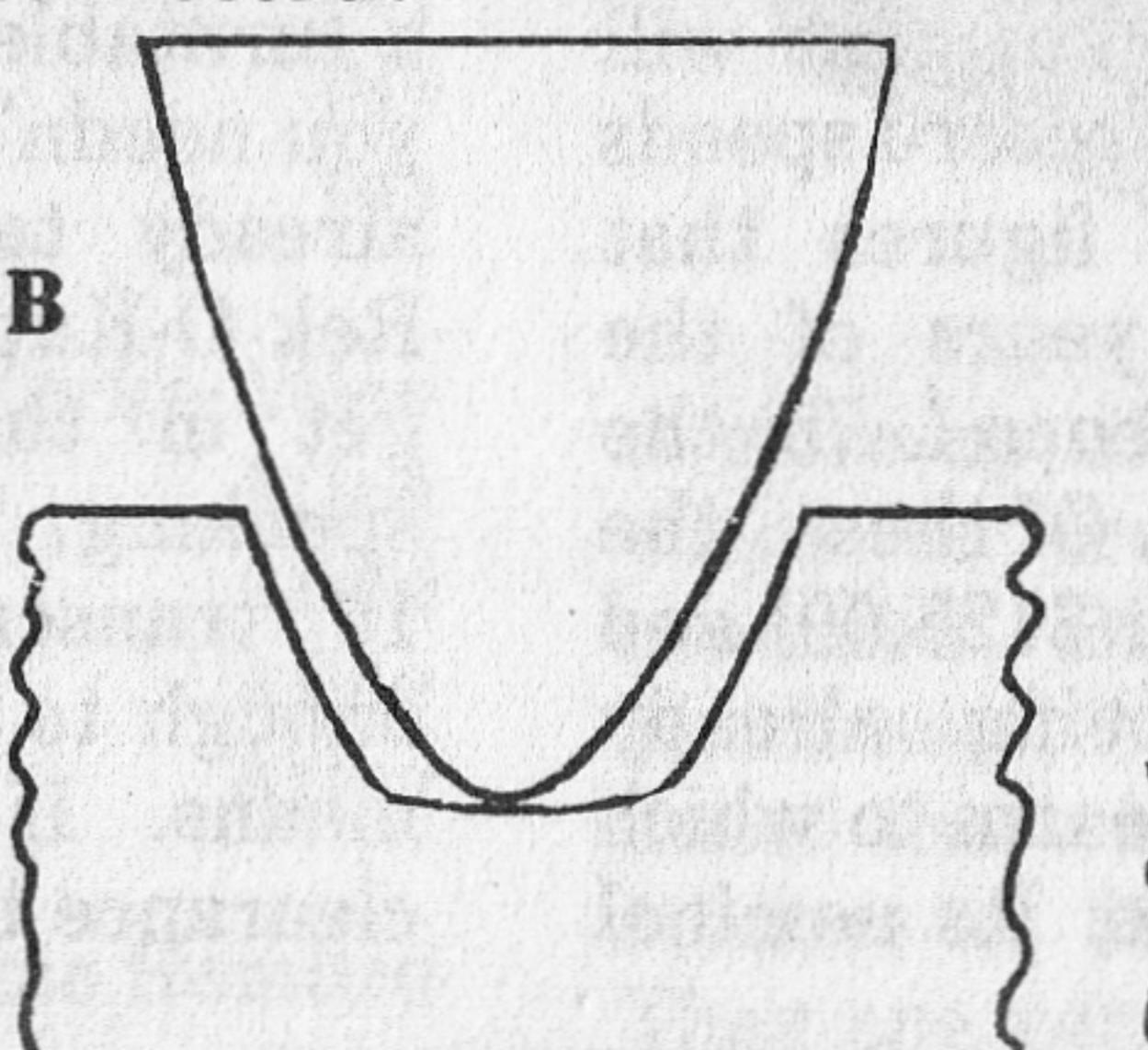
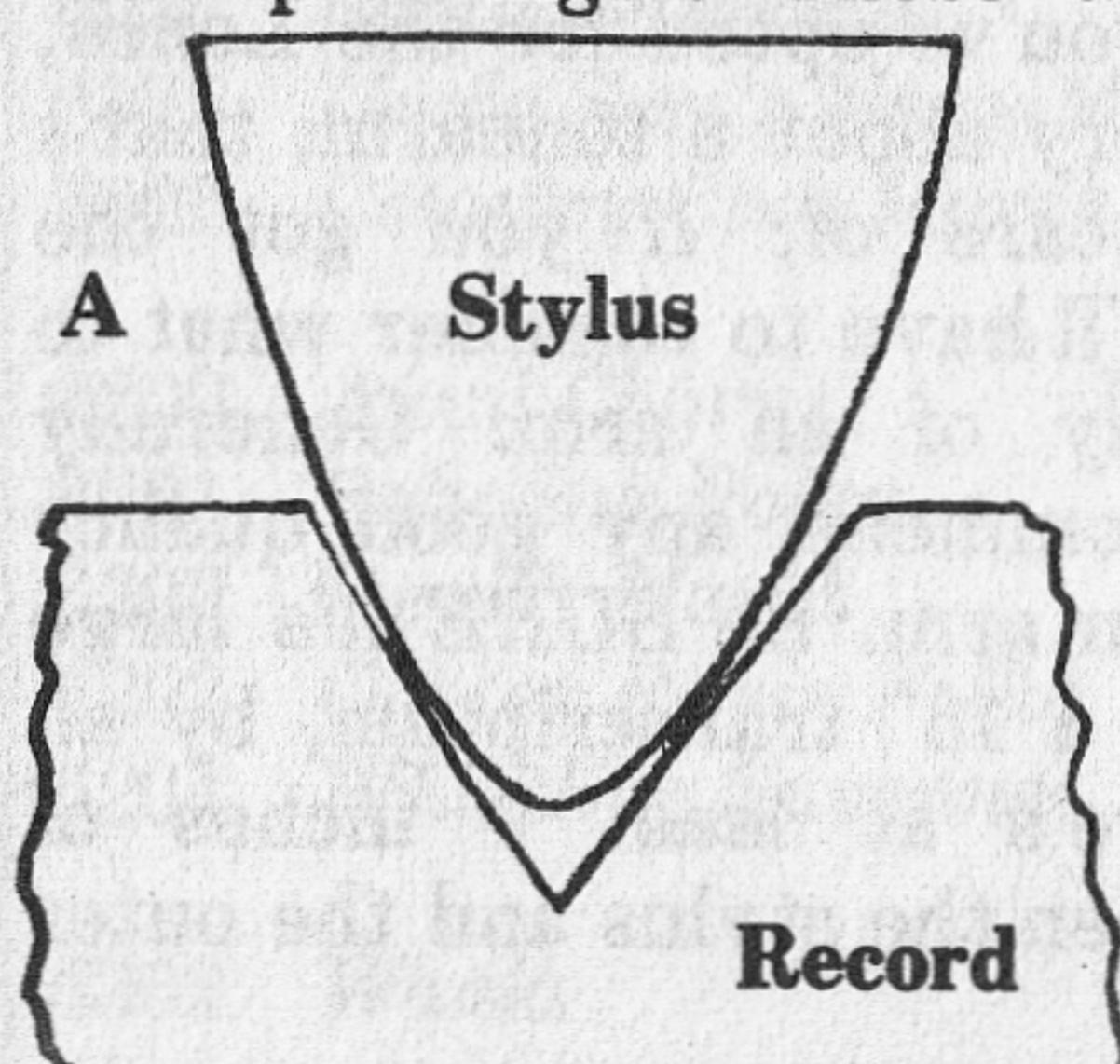
Let's assume you've made your choice of a turntable. If you've opted for the Lenco, you needn't worry about a tonearm; that's already taken care of. If you got the Rek-O-Kut, you'll have to consider what to get in the way of an arm. Generally speaking, I recommend any good quality 16" transcription arm. Be *SURE* it's large enough to clear a 16" transcription, by all means. If there's at least 9 inches of clearance between the stylus and the outer

perimeter of the rear pivot, you're all set. Shure and Gray Research and Development both offer arms of this type, the prices of which range from less than \$50.00 to more than \$85.00. Again, it is often possible to get a satisfactory used arm, if you know what to look for and where to look. A good rule of thumb is to try for something with a minimum of mass, especially if you're planning to play stereo records as well as your old-timers.

Now we come to the choice of a cartridge. Here, there is only one really satisfactory choice to be made, in my opinion: the Shure M-44 stereo cartridge, equipped with the custom styli provided by International Observatory Instruments, 5401 Wakefield Drive, Nashville, Tennessee 37220, to whom you should write for current details and prices. The cartridge is offered in two types, lateral and vertical, but they differ only in the way in which the two stereo channels are "strapped" together; otherwise, the cartridges are identical, and may be bought unstrapped, if it is desired to use them for both monophonic *and* stereo reproduction. Three basic styli are available: a large "Sapphire" (or Pathe) stylus, which is usable for sapphire-cut discs, like Pathe, vertical Okeh's, and some Operaphones, *or* 2-minute cylinders; the "Edison" stylus, for Edison and other fine-groove vertical discs (Lyric, Mozart, Schubert, some Empire, Crescent and Aeolian-Vocalion) or 4-minute cylinders; and a 2.7 mil "truncated" stylus for use on most lateral-cut 78's. You have to buy your own LP stylus, available at most hi-fi shops.

I have enumerated the main uses for which the three styli above were designed, but there are cases in which the styli can be made to serve other purposes. Before I go into those, I'd like to discuss further the 2.7-mil "truncated" stylus. Its main virtue is that it makes it possible to get really satisfactory sound from almost all of those irritating records known to collectors as "bad pressings". These are the records

that, even though they may appear to be in excellent condition, with little or no signs of wear, will sound terrible when played on most modern electric phonographs. The music will be rather garbled in sound, and the surface noise will seem to be almost as loud as the music. The reason for this is that the grooves of 78 rpm records were not as rigidly standardized in their shapes and dimensions as has come to be the case in more recent years. Whereas the grooves of all LP's today (and most 78's produced after 1948 or so) are V-shaped and of quite precisely controlled dimensions, the grooves of the older 78's tended to be rounded on the bottoms, and the widths were rather variable. This used not to matter, since the steel needles were ground to fit the grooves in the course of a few turns by the abrasives contained in the record material. The permanent jewel styli of today are usually ground to fit the V-shaped grooves of the latter day 78's, riding against the groove walls about halfway down, as in sketch "A". If the grooves of an older record are not too far from that width and depth, the modern-day 78 stylus will probably give a satisfactory account of itself, and all is well. If, however, the groove of the record is wider, the stylus will not track against the groove walls but will ride on its tip around the very bottom of the groove, giving the almost unlistenable "bad pressing" reproduction that has driven many collectors up the wall. (See sketch "B".) The "truncated" stylus is able, in nearly all cases, to track these off-standard grooves satisfactorily because its flattened tip will not ride against the very bottom of the groove, but will track against the sidewalls at some point fairly close to the bottom. (See sketch "C.") The difference in sound quality must be heard to be believed. There are a few cases where even the "truncated" stylus will be unable to track properly, and the record will still give poor sound. I have found that the use of the Edison stylus on these hard cases will cure the problem.



There is a certain type of lateral recording that can best be played with the Pathe stylus. I allude here to the pre-grooved plastic home recording discs made by RCA Victor during the 1930's. The steel needles originally sold for recording and reproducing these discs had blunt, rounded tips that made them resemble a Pathe sapphire point, though perhaps they were a bit smaller. I used to wonder how it was that records on which I saw what seemed to be very loud signal modulations would either give no signal at all on playback, or a faint, distorted whisper. When I saw one of those blunt styli, the reason finally became clear to me, and examination of the record under a magnifying glass confirmed what I'd guessed: when the discs were recorded, the blunt styli, instead of cutting away material to form a groove, simply deformed the plastic close to the tops of the groove walls. Since the same stylus was used to play them, it tracked the deformed area and reproduced the recorded sound. A more modern 78 rpm stylus will track the sides of the groove walls at some lower level, away from most, if not all of the recorded signal. The use of the Pathe stylus on these records will more nearly duplicate the original conditions, and give much louder, clearer reproduction of the discs. I have found myself that, though the sound quality of these discs is pretty good, the signal level is still very low, and surface noise is a marked distraction.

Now let's consider the question of how many of these cartridges you're going to get. It is possible to use just one for all three types of reproduction: stereo, lateral monophonic and vertical monophonic. If you want to save money and are reasonably competent with tools and a soldering iron, I'd recommend that you get just the one cartridge and all three styli. I have drawn in sketches "D" and "E" the diagrams for a simple phasing switch circuit that will permit either three-way or two-way (monophonic only) use of the cartridge. I have included the latter in case some collector decides to use one turntable and arm exclusively for old records and a second for modern-day stereo and/or quadraphonic discs. If the collector intends to try to use one turntable for all purposes, it will probably be necessary to have a second cartridge mounted in a spare head for his arm, as the Shure M-44 is not designed to play the CD-4 quadraphonic records. A

further word of caution: I have not had an opportunity to determine what, if any effect the three-way switching circuit will have on the performance of a CD-4 quadraphonic cartridge. Such a circuit may possibly introduce an undesirable amount of stray capacitance that will cause severe attenuation of the high-frequency (ca. 50 Khz.) multiplex subcarrier recorded in the disc. Use of low-capacity phonograph cables, kept as short as possible, may correct this condition adequately.

I mentioned some time back that the Shure cartridge and the Edison and Pathe styli would do a good job of reproducing cylinders. This is true, but there are some tricks to it. Probably the simplest thing to do is to set up a long, low-mass tonearm with the cartridge at one end and a counterweight on the other, and let the cartridge track its way across the cylinder driven only by the grooves themselves. Drive for the mandrel may be derived from any cylinder phonograph with a smooth running motor. The larger models of Edison phonographs, such as the Home or Triumph, would serve well for this. The arm may be set on some sort of platform-type base, positioned correctly in relation to the phonograph, hooked to the magnetic input of a phonograph preamplifier and off you go. A word of caution: you'll want to cut in the rumble filter of the amplifier, especially when playing celluloid cylinders; alternatively, if there is no rumble filter, set the bass control at minimum. The arm should be so positioned that the stylus will overhang the center-line of the cylinder by about 1/8 of an inch when it is at the center of the groove spiral, (about 2" in). The length of the arm, from lateral pivot to stylus, should be about 12 inches. The reason for this is that such an arm will traverse an arc across the cylinder instead of the straight line described by a lathe-driven cylinder reproducer carriage; the greater the length of the arm, the less the curvature of this arc. The arm should be perfectly straight at the cartridge end, with none of the canted "tracking" angle normally seen on disc playback arms. To minimize mass, the arm should be made of light wood. I have used $\frac{3}{4}$ inch "parting bead", available inexpensively at most lumberyards, for this. The counterweight at the rear should be heavy enough that, when the cartridge and lift are all installed on the front end, it will just barely touch

the surface of the cylinder, so additional weight must be provided for this purpose. Pennies placed on the front of the arm will serve this purpose. To keep them from falling off, drill holes through them and mount a pin of some sort on the arm, as near the cartridge as possible. Make this long enough to accommodate at least four pennies, even though you probably won't need to use more than three. (The Lenco arm can also be used because it fully pivots.) Generally speaking, the four-minute wax cylinders require the least amount of tracking pressure, the two-minute wax need more and the celluloid cylinders require the most.

I have been using an electric machine to drive the mandrel for at least two years now to play my cylinders, and most importantly, to tape some of them, both for myself and for others. The machine is not mine, but is on a long-term loan from its owner, Mr. Oliver Graham of Westerly, R.I., by whom it was originally built with the help of an electronics manufacturer of that city. Originally, it used an old-fashioned crystal phonograph cartridge (of the type that accepted steel needles), turned at a complex combination of angles so that vertical stylus motion was "seen" by the cartridge as lateral motion of the needle chuck. *He* used cactus needles for styli. According to Mr. Graham, this device was fiendishly temperamental, and he considered himself lucky to get four or five cylinders taped in an hour. When I first saw the machine, it had been out of use for some time and was generously coated with dust. I offered to take it home with me and modify it for use with the magnetic stereo cartridge, and he consented. I had a new lightweight arm on it within a few days' time and was taping cylinders within a week of the time I brought it home. I also relocated the motor so it could use a drive belt taken from a Roberts model 144 tape recorder. The only drawback I've encountered to this machine so far is that when I'm playing an exceptionally "bumpy" celluloid cylinder, the rapid back-and-forth motion of the stylus as it tries to track these results in a flutter in the reproduced sound. Occasionally, some celluloid cylinders simply refuse to track at all; this is especially true of certain 2-minute Indestructibles, whose grooves seem to be very shallow. Luckily, these are in the minority. I hope sometime to try a different type of arm that

should largely eliminate this deficiency, and if I do, I'll report on its performance in these pages. I remain convinced that the best ultimate solution to the problem is a lathe-driven arm, and have hopes of bringing such a design to workability, but cannot presently afford the metalworking costs that such a device entails. I am content to get by for the present with the self-tracking arm, as it is a pretty satisfactory expedient, and to the best of my knowledge, does not impose any undue wear and tear on the cylinders. If anything, it should be much easier on them, because of the much greater compliance of the styli, which don't have to drive a stiff diaphragm when they're set in motion by the groove modulations.

If anyone has any further questions about electronic reproduction of oldies, I invite him to write me at my home address: 48 Foote St., Cheshire, Conn. 06410. If you'll send me a blank 3" reel of tape, I can provide samples of old disc and cylinder reproductions (excerpts only). Include 25¢ with the tape to cover return postage. I have no high-speed duplicating facilities, so don't be disappointed if it takes me a while to get around to it. I do think, though, that the results should convince you of the desirability of playing your antique records on modern gear. There ARE limits to this "moldy fig" business!

RESTORATION AND REPAIR AID

The lure of the Northwest Passage has struck again, this time in the efforts of the Canadian National Historic Site to refurnish one of their ships which made the dangerous voyage. Since the Patrol Vessel, *R.C.M.P. St. Roch*, had two radios and two record players on board in 1944 during its Arctic run, the Site is attempting to restore the ship with nearly identical equipment. Readers who are willing to help are invited to contact Wayne Colwell, Curator, National Historic Sites Service, 2630 Sheffield Road, Ottawa, Ontario, Canada K1A OH4. The Site will send a free list on request.

The Northern Indiana Historical Society has a Victor III in need of repair. If any collectors are in the area, they may wish to contact Nathalie Perkins, Curator, 112 S. Lafayette Blvd., South Bend, Indiana 46601. At last our readers can feel needed, instead of tolerated!



The Phonograph as Performer: One of the re-issued Edison advertising posters.



The Frisco Jazz Band: One of Edison's most famous groups. But who are the personnel?

Instructions for the Care of Victor Spring Motors

Types M-100, etc., M-240, etc. and M-440, etc.

POSSIBLE CAUSE OF TROUBLE

Irregular running, noise or sluggishness can always be traced to one of three causes, *which are lack of lubrication, incorrect adjustment, or injured or broken parts.* When the motors leave the factory they have all been thoroughly lubricated, adjusted, inspected and tested in every way so that they run smoothly and quietly and will regulate properly. But occasionally they are handled very roughly in transportation and the parts are injured or knocked out of adjustment. Often, too, the motor may be exposed to dust or dirt so that its lubrication becomes dirty which does not allow it to work freely. Therefore, it is necessary, after each machine is unpacked and set up, to operate it and observe whether it is quiet and will regulate properly. If it will not, then it should be carefully gone over and the following points taken care of:

I.—LUBRICATION

To lubricate the motor, raise the Motor Board so the motor may be reached. To do this, remove the winding key and turntable, take out the two screws in the front corners of the motor board and turn the automatic brake yoke "A" (Fig. 1), to the left far enough to clear the edge of the board. Take hold of the knob in the left hand front corner of the board and raise the board to an upright position (Fig. 2). If the lubrication is dirty, the motor should be taken entirely apart and thoroughly cleaned with gasoline. How to do this will be explained under the heading "TO TAKE DOWN MOTOR." If it is not dirty, a thorough

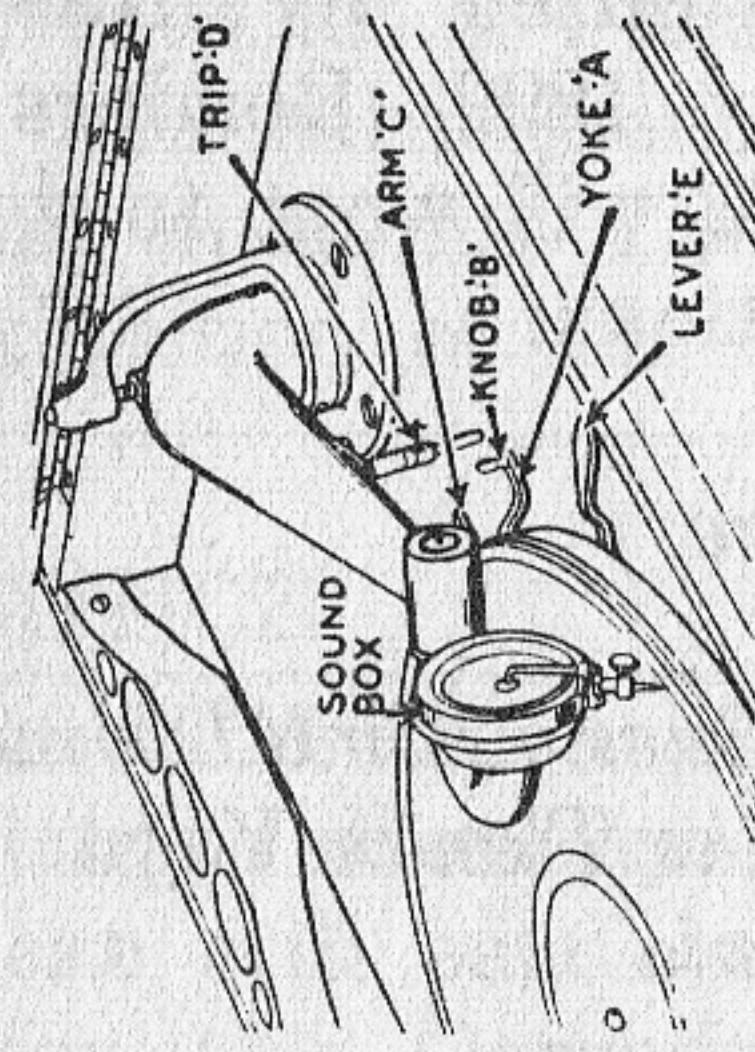


Fig. 1

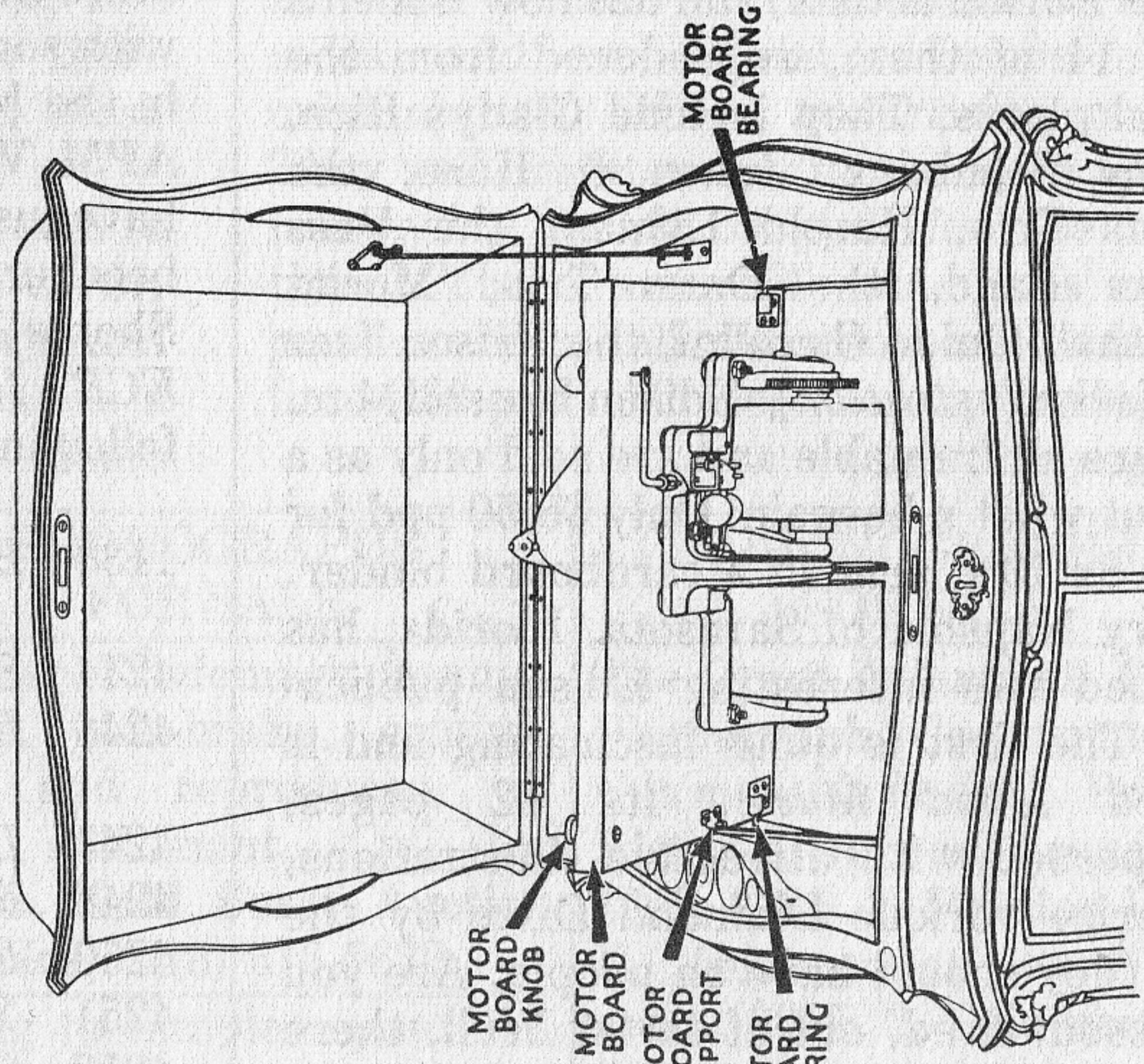


Fig. 2

(Con't from page 11)

sturdy cardboard mailing tube. While supplies last, write to the Edison National Historic Site, Attention Eastern National Park & Monument Association (to whom checks should be drawn), P. O. Box 126, Orange, N.J. 07051. All are highly recommended.

The Site has received many requests over the years for 8 x 10 "glossies" of various Edison artists, and has now issued a set of 14 of them, reproduced from the original plates. They include Gladys Rice, Douglas Stanbury, Jones & Hare, the Stevens Trio, Harold Lyman, the Vess Ossman Band, the Dann Trio, Moritz Rosenthal, Guido Ciccolini, the Frisco Jazz Band (see illustration), Edison himself, etc. They are all framable and are sold only as a set. But what a bargain! Only \$5.50 ppd for the 14 8x 10's, sent in a cardboard binder.

Barry Napshin of Sarasota, Florida, has re-issued two interesting Edison publications. The first is quite fascinating and is entitled *Mood Music*. Its 32 pages, interspersed with attractive illustrations, categorize various Diamond Discs by the effect they should have on people. Are you depressed, tired, out of sorts? Well, there are selections to inspire *Love, Tender memories, and a Lively Imagination*. There's even a page for *More Energy* (Edison anticipated everything!). For vim and vigor, just play *The Sons of Uncle Sam* or *American Patrol March* and watch the results! This handsome booklet, originally published in 1919, sells for \$3.00 ppd. The second reprint, an 8-page Babson-Edison Instruction Booklet on the 2-4 minute Standard is useful, but is poorly printed. It is a later version of APM's No. 16. It sells for \$1.00 ppd. Both together are a reasonable \$3.50, and are available from Barry Napshin, 2104 Ivy Place, Sarasota, Florida 33580.

The Vestal Press, of player-piano fame, has already issued some phonograph items, among which is an attractive 16-page, 7" by 10" booklet on the Edison Amberola Phonograph. The colors have been approximated by a different technique from the 1917-18 original, and shows the #30, 50, and 75 as well as a close-up of the Diamond reproducer, detailed price information, and some advertising text. Wise shoppers could order Vestal's complete 60-page catalog for \$1.00 and then use that amount as full credit against any publications ordered. Orders are promptly filled by Vestal Press, Box 97, Vestal, N.Y. 13850. □

NEW EDISON TITLES DISCOVERED

When *Edison Cylinder Records, 1889-1912* was first published in 1969, we were able to identify nearly all "two-minutes" made by Edison in the U.S. in that period, from the brown-wax type to the gold-moulded and Concert-size (5") records. Since then we have sent out a separate page with some new titles, and published others in the March and June-July 1973 issues of APM. We are now glad to announce that we have just discovered 53 new titles in a small brochure distributed by Hawthorne & Sheble in early 1899. Readers who own *ECR, 1889-1912* will want to write in the following selections:

1138	<i>Baby Lize</i>	Billy Heins
4244	<i>Suerpo Bueno Alma Divina</i>	Adamini
4246	<i>Las Ondas Tienan Vaga</i>	Adamini
	<i>Armonia</i>	Adamini
4247	<i>Los Rumberos</i>	Adamini
4248	<i>Mazurka de los Paraguas</i>	Adamini
4250	<i>Una Carte delque Amor</i>	Adamini
4251	<i>Yo Quiero un Besita</i>	Adamini
4252	<i>Seguidilla Manchego</i>	Adamini
4283	<i>Aspetto Aspetto</i>	Adamini
4286	<i>La Mia Preghiera</i>	Adamini
4287	<i>La Mia Letizia [I Lombardi]</i>	Adamini
4288	<i>L'Elegante</i>	Adamini
4354	<i>A Toledo</i>	Adamini
4355	<i>Dimmi Perche</i>	Adamini
4356	<i>L'Avete Veduta</i>	Adamini
5211	<i>I've Got Him Dead</i>	Press Eldridge
5212	<i>Transfers</i>	Press Eldridge
5427	<i>A Shanghai Laying for a Coon</i>	Collins
5428	<i>Evahbody Knows Ma Name</i>	Collins
5434	<i>Smart Man Felix Casey</i>	Collins
5462	<i>Honey, Kiss Me Do</i>	Collins
The following were originally #670 - 696.		
6000	<i>Chinese March</i>	Peerless Orchestra
6001	<i>Eloise Polka</i>	PO
6002	<i>Frolic of the Coons</i>	PO
6003	<i>Gambrinus Polka</i>	PO
6004	<i>Hindoo Patrol</i>	PO
6005	<i>Hot-foot Sue</i>	PO
6006	<i>In Command March</i>	PO
6007	<i>Moonlight Kisses</i>	PO
6008	<i>Nutmeg Dance</i>	PO
6009	<i>Orange Blossoms Waltz</i>	PO
6010	<i>Rainbow Dance</i>	PO
6011	<i>Reminiscences of the Dance Waltz</i>	PO

(Con't on page 2)

BOOK REVIEW

The Edison National Historic Site, which is sponsoring another of its popular programs at 8 pm on October 17, 1975, has recently issued more items of interest to collectors everywhere. The program, which deals with the history of recording technology, will feature Ray Wile, and among others, Jim Walsh, Gladys Rice, Tim Brooks, and Allen Koenigsberg. For those who can't attend, however, perhaps these new publications will be welcome.

There are now 3 new full-color posters to join the previous set of 4 (See **APM** cover, May, 1974, and subsequent review), and they are truly beautiful. The first shows a Concert Exhibition of the Edison Home

Phonograph (*illustrated*), with what must be the largest brass horn in general production. The second shows a dramatic view of the highly collectible Edison Concert Phonograph, and the third pictures a vaudeville minstrel strumming his banjo inside an Edison horn. All measure 11" by 14", are printed in rich colors on heavy stock, and are official re-issues of the original 1901 Edison advertising posters. They will brighten any music room and sell reasonably for \$3.50 ppd. for the set of three. There are still some sets of the previous four (all different) still available for \$4.50 ppd. All are carefully mailed in a

(*Con't on page 10*)

NOTICE

This issue of **APM** was sent out equally late to all subscribers. You can still send in your ads for the October issue. Thank you.

PHONOGRAPHS FOR SALE

Berliner Trademark Gramophone, side-brake, original horn and reproducer, all stock and mint. Call for details. **Gold Coast Auction Galleries**, (516) 676-5622.

Trying to complete your AZ Coin-op? I have a number of parts for this machine, including motors, return bars, etc. Even cabinets with glass tops! Write or call Fred Fried, 875 West End Ave., New York, N.Y. 10025. (7-75)

Columbia Sovereign Graphophone, Model BG, 6" long mandrel, cover needs work, otherwise nice, \$275. or trade. Jerry Madsen, 8115 Emerson Avenue S., Minneapolis, Minn. 55420. (7-75)

I have spent a few years in France and have several Pathé cylinder machines to trade. *Aiglon* with standard mandrel, flip-top box; No. 1, with Standard & Intermediate mandrels, flip-top; *Coquet*, intermediate mandrel only; *Gaulois* (sim. to Gem), std. mandrel, all cast-iron. All complete and working. Send \$1.00 for each picture wanted. Trade only, so send description of machines you wish to trade. Serge Boissonneault, 1770 Lucerne, Vimont Laval, P. Quebec, Canada. (7-75)

PHONOGRAPHS FOR SALE

The Great Atlantic & Pacific Phonograph Co. announces this month's finds: 1. Pre-dog Victor R, very nice cond., ca. 1902, \$395. 2. Pre-dog Victor E, front-mount, rare, fine cond., \$395. 3. Columbia disc AH front-mount, beautiful, \$395. 4. Columbia disc AH, front-mount, very special art-nouveau case, \$425. Columbia Eagle Graphophone, all complete, \$275. 5. Columbia Type Q, very clean, only \$185. For the best in parts, repairs, machines, and phonograph memorabilia, call (516) 623-7019, after 4 pm. or write 660 Ashland Ave., Baldwin, N.Y. 11510. (7-75)

1903 Edison Home Cylinder Phonograph, with universal AC-DC motor (110 volts) equipped. Comes with 15½" morning glory horn, 2-4 minute gearing, \$295. Also has orig. horn crane receptacle on bottom. Phone (501) 664-8960. Irving Skipper, 208 South Plaza Drive, Little Rock, Ark. 72205.

Edison cylinder record player with about 250 cylinder records, many in original containers. Good condition. Mrs. Lloyd Johnston, 718 N. 2nd St., E. Grand Forks, Minn. 56721.

PHONOGRAPHS FOR SALE

Berliner Trademark Gramophone, Canadian model, \$750. plus shipping, or will trade. R. Adams, 4393 W. 58th St., Cleveland, Ohio 44144. (7-75)

Beautiful and unusual 2-4 Columbia Graphophone, BK, with original decal, crank, cover, etc. Needs only new stylus. Rare. Only \$195. plus 5.00 shipping & insurance. Steve Freeman, 2534 W. 2nd, Brooklyn, N.Y. 11223. (212) 998-3879. (7-75)

PHONOGRAPHS FOR SALE

Columbia Eagle Graphophone in unusual square box, all orig. with repro 10" black horn, only \$175. Columbia Model Q, all orig. with repro 10" black horn, only \$150. Columbia early Washington type A Graphophone, decal not perfect, chassis perfect, gold flowers, no horn, only \$295. I pay all shipping & insurance. Howard Hazelcorn 595 Grenville, Teaneck, N.J. 07666. (201) 836-6293. (7-75)

PHONOGRAPHS WANTED

Want Berliner trade-mark model, must be in mint condition and all original with side brake and perfect decal. Send picture and price to Bob Fulwider, Musical Americana Talking Machine Co., 742 Enright Avenue, Santa Clara Calif. 95050. Or (408) 249-2739. (7-75)

Help me complete my collection. Need Edison Triumphs, Fireside, Idelia, Opera, Balmoral, coin-slot. Will pay top prices for complete machines. J. Philip Andrews, 230 Salem Drive, Pittsburgh, Pa. 15241. Or (412) 833-5761.

Want Columbia Type AU, open works disc Graphophone, and Columbia Type AK disc, with or without horn and reproducer. Any condition, buy or trade. Also want Victor I tonearm and split end crank. Thanks. Harold C. Braker, 528 Borebank St., Winnipeg, Manitoba, Canada R3N 1E9. (7-75)

Wanted: Early Phonographs, Radios, horns, parts, and related Memorabilia. Looking for cylinder records (any quantity), and cylinder cabinets; also piano rolls. Interested in individual pieces and collections. Please describe and price. Russ Brunning, 4541 W. Altadena Ave., Glendale, Ariz. 85304. (7-75)

PHONOGRAPHS WANTED

Edison Doll; Berliner; Zonophone; 5"; Water Power; coin-operated; Class M; Treadle; 5" GG top; Triton and Class M motors, etc. Phonographs and parts. All advertising items (signs, needle boxes, pictures, catalogs, etc.). Jerry Madsen, 8115 Emerson Avenue South, Minneapolis, Minn. 55420.

(5-76)

Mr. Zonophone is looking for all models of Zonophone disc machines, parts, catalogs, etc. Give a Zonophone a home! Don Nelson, 50 Norton St., Freeport, N.Y. 11520.

Looking for Edison Opera, Concert, Idelia, or any other interesting type of phonograph or gramophone. Good prices. Please write to Ron Robinson, 334 Burlington Crescent, London, Ontario, Canada N5Z 3G7. (2-76)

Want Edison mahogany Opera Phonograph, buy outright or trade. Larry Hawes, 6427 N.E. 129th Place, Kirkland, Wash. 98033. Or collect (206) 822-4621. (7-75)

Pre-1896 Edisons, Graphophones, other infrequently found ones, any condition. Leon Brassard, 2272 Aladin, Laval, Quebec, Canada. (6-76)

HELP: I NEED PARTS!

Need original wooden horn for Victor II, or flowered brass. Joe Drago, 50 Spring St., Cambridge, Mass. 02141. (8-75)

Oak section only for Edison cygnet horn. Will buy or trade. Allen Koenigsberg, 3400 Snyder, Brooklyn, N.Y. 11203.

Wanted to buy — original parts: Victor II, III, horn; elbow, screw-on cranks. Also Gem cover (keywind). Send price, condition. P. Rusbarsky, 96 Willow St., Bridgeport, Conn. 06610. (2-76)

HELP: I NEED PARTS!

For Berliner hand-crank, I need horn, reproducer, left-side wheel. Also name plate, records (original or repro). Have items for trade. Thank you! Jerry Madsen, 8115 Emerson Avenue S., Minneapolis, Minn. 55420. (7-75)

Need original cranks for Columbia AJ, AU, and C Graphophones. Can you help? Steve Freeman, 2534 W. 2nd St., Brooklyn, N.Y. 11223.

Need parts for two different Victor machines: first, VV 2-60-58925, need reproducer and tone-arm; second, Type Vic. II, #53015, need complete reproducer and tone-arm to fit on bracket and complete horn. Thanks. Alt-on Vogel, 704 E. Cameron Ave., Rockdale, Tex. 76567.

Need phonograph body for Model M electric or early spring-wind Triumph. Will trade reproducers, 7" Zonophone or Berliner records, 6" Columbia cylinders or 5" Concert cylinders. William Kocher, 39 Florence St., Rockville, Conn. 06066. (7-75)

Want Model M and A Edison reproducers. Also operatic cylinders and Edison discs. Need Diamond C reproducer for Amberola 30. Nelson Faerber, Box 1424, Laguna, N. Mex. 87026.

Needed for Victor Type E phonograph: original crank, horn elbow, on/off switch, speed control, and one oak corner column for case. Duane A. Beliel, 2602B Valencia, Holloman AFB, N. Mex. 88330.

Need case or any parts of case for Edison Opera Phonograph; 2 lids for Edison Firesides. Rear case mounting bracket for Zonophone "Concert". Thanks. C. Ferratt, 39400 De Anza Drive, San Jacinto, Calif. 92383.

HELP: I NEED PARTS!

Type O turnover reproducer for Edison Standard phonograph. Dale Monroe-Cook, P.O. Box 1273, East Lansing, Mich. 48823.

Want lid and drawer for Concert or spring-wind model Edison phonograph. Phil Gansz, 909 S. Prospect Ave., Park Ridge, Ill. 60068.

Need 2 & 4 minute combination attachment for Edison Triumph phonograph, Model B. Ralph Turner, Box 2135, Inuvik, N. W. T., Canada X0E OTO.

RECORDS FOR SALE

OLD RECORDS, 78 rpm, all kinds, huge supply, send want list(s). From 75¢ up. **Old Records**, 2920 Harborview, Tampa, Fla. 33611.

(7-75)

Collectors - Don't miss our exciting auction list of phonographs, 5-inch, Busy Bee, Berliner and other rare records. SASE, please. **Musique** 49 Hancock St., Rochester, N.Y. 14611. (7-75)

AUCTION LISTS: Cylinders and 78's of all types, from a stock of 40,000. Only \$1.00 per year, refundable. Also buy collections of hot jazz. Paul Burgess, Box 12-A, Friendship, Me. 04547. (8-75)

RECORDS WANTED

Odd-label, acoustically recorded discs wanted — Rex, Eagle, etc. Also pre-1925 dealers' record and phonograph advertising. Send lists please. Ken Barnes, 261 So. Vinedo Avenue, Pasadena, Calif. 91107. (10-75)

Looking for Edison Blue Amberol #5502, *Baby Your Mother Like She Babied You* by Scanlan. Will buy or trade. Thanks. Russ Brunning, 4541 W. Altadena Ave. Glendale, Ariz. 85304. (7-75)

RECORDS WANTED

Edison Wax Amberol #478 and Blue Amberol #2444, both *The Post in the Forest*, with or without orig. boxes. State condition and price, please. Norman Schweikert, 1340 Golf Avenue, Highland Park, Ill. 60035. (8-75)

Would like to buy or obtain tape copy of the following 2-minute Edison cylinders: #10082, 9695, 9643, 10393, 10041, 9863, for Jones and Spencer research. Can you help? Thanks! Hal Birdsall, 3740 E. LaSalle, #5312, Colorado Springs, Colo. 80909. (7-75)

7" discs wanted — especially Berliner. Will buy any category or label. Any playable condition. Also pre-1925 catalogs. Send lists. Thanks. Ken Barnes, 261 S. Vinedo Avenue, Pasadena, Calif. 91107. (10-75)

Will pay up to \$10.00 for excellent copy of Blue Amberol #1767 *Three Little Owls, etc.* by Cal Stewart, good prices paid on certain Blue Amberols. Send for free want list. Also want Frank Wallace cylinders. Joseph Manzo, 3121 W. Greenway Road, Phoenix, Ariz. 85023. (7-75)

New collector seeks the following: vocal, operatic 78's Victor, Columbia phonograph information and sources, record catalogs from dealers or private. Thanks. Robert Russell, 61 Demarest Road, Paramus, N.J. 07652.

Would like to locate following Blue Amberols: #2413 Suffragettes' March by Liberati; 2414 La Mia Speranza Valse, also Liberati; 2609, From Tropic to Tropic, by NYMB. Appreciate any help. Edwin Lehman, 6000 Deerfield St., Dayton, Ohio 45414.

Say you saw it in APM!

RECORDS WANTED

Wonder (not Little Wonder) and Vitaphone 7" discs. Describ: and price, c/o APM.

PRINTED ITEMS FOR SALE

Oxford and Silvertone Records, 1911 - 1918. A new publication listing over 1400 10" and 12" discs produced by Columbia. Indexed 3 ways with full artist identification; over 60 pages, only \$2.75. **New Amberola Phonograph Co.**, 133 Main Street, St. Johnsbury, Vt. 05819. (7-75)

Original Columbia Record Catalogs from 1921 - 1927 - 1929; Blue Grass & Country from 1926, all original and authentic, not a reprint. Columbia 1921-27-29, features artists, listings, and photographs, such as: Dunn's Jazz Hounds, Fletcher Henderson, Joe Jordan, Papa Celestin, Bessie Smith, Memphis Five, Ted Lewis, Charleston Chasers, and many more. \$10.00 each plus 1.00 post. Order from Southern Music, 725 Zeiss, St. Louis, Mo. 63125. (7-75)

SPECIAL EVENT! I intend to re-issue the original and very rare **Edison Phonograph Monthly**. I have 166 issues from 1903 to 1916. This was Edison's way of informing his many dealers of latest West Orange developments. Fantastic information on horns, machines, reproducers, records, etc. Two facsimile copies are available now: Vol. I, No. 1, (March 1903) and Vol. V, No. 8 (October 1907); only \$2.75 each, or \$5.00 for both postpaid. I hope eventually to issue bound volumes of each original year, so when writing, let me know if you are interested in receiving special advance rate. Thank you. Wendell Moore, #33 Arctic Springs, Jeffersonville Ind. 47130. (7-75)



Tel: (201) 335-5040,

(201) 539-2195.

For the beginner: 78's at 50¢ a pound!

A Note to APM Readers

Seven months ago, we didn't know whether the idea of an actual 1926 music store would work out. At the close of our summer season, we'd like to compliment Allen Koenigsberg on the quality of his subscribers. We've had an influx of phonograph and record devotees, both in person and by mail, that surpassed all our expectations. We figured it would take several years to build a clientele ranging from the beginner to the advanced collector.

Surprisingly enough, we found that the average collector is looking for the basic items, and since we're that kind of store, we're getting quite a few visitors. You can also hear about us on Radio, WEVD-FM, 98.3.

The formula seems to be good machines, guarantee of workability, answering all of our correspondence personally, and selling good items at fair prices. If you're in the neighborhood, it will probably pay to make a visit in person. That 50¢ a pound for the beginners is for real! We also have a book department for browsers. The welcome's on us!

Easy to Reach: Interstate #80 to NJ 287
North & exit Main Street, Boonton, USA!

Hours: Wed, Thur, Sat, 10-5; Fri, 12-4;
Sun, 12-3.

PRINTED ITEMS FOR SALE

Diamond Disc Catalog, reproduction, lists over 700 titles (52,000 series), 32 pages, by title, number, artist, only \$2.50 ppd.; 3½" Victor dog, plaster reproduction, just like original, \$3.25; Orig. Victor Opera books, \$7.00. Jerry Madsen, 8115 Emerson Avenue S., Minneapolis, Minn. 55420. (7-75)

Say you saw it in APM!

PRINTED ITEMS FOR SALE

Victor Repair Manual, 64 pages, beautifully illustrated with detailed instructions on many outside and inside horn Victors. Only \$4.95 ppd. from APM! Order today.

Catalog of phonograph, player piano, music box, etc. books, reprints and records. 60 pages of goodies! \$1.00 ppd., refundable first order. The Vestal Press, P.O. Box 97, Vestal 48, N.Y. 13850. (7-75)

PRINTED ITEMS FOR SALE

To add to your enjoyment of our hobby, why not try a subscription to The City of London Phonograph and Gramophone Society? We despatch our magazine, *The Hillendale News*, by airmail for \$6.00 per year, or \$5.00 via seamail. Subscriptions should be sent to B.A. Williamson, 157 Childwall Valley Road, Liverpool, England L16 1LA. Payment should be made out to the

**PRINTED ITEMS
FOR SALE**

Talking Machine Review International: A bi-monthly magazine for all interested in cylinder or disc phonographs; the artists on the cylinders and discs; repairs; and all the many other facets of the history of recording. Annual subscription is \$4.00, or \$8.00 by airmail. Write for free sample copy if genuinely interested. We have an expanding list of reprints of old catalogs, posters, and books. **Talking Machine Review**, 19 Glendale Rd., Bournemouth, England BH6 4JA.

Phonograph Collectors, join **The American Phonograph Society**. Receive the quarterly **Journal** and four **Newsletters**. Receive free reprints and stereoscopic phonograph cards. For more information, send 10¢ stamp. For one-year membership, send \$6.50 **The American Phonograph Society**, P. O. Box 5046, Berkeley, Cal. 94705. (10-75)

**PRINTED ITEMS
WANTED**

Pre-1920 record catalogs and supplements, many labels needed for research. Will buy individually or in lots, or trade large list of catalogs and phono items. Please write — you'll be glad you did! Tim Brooks, 1940-80th St., Jackson Heights, N.Y. 11370.

Early postcards with small disc record embossed in surface. Also machine for playing them, *Phonopostal*. Allen Koenigsberg, 3400 Snyder, Brooklyn, NY. 11203

Say you saw it in APM!

ITEMS FOR TRADE

Royal Purple and Concert series Blue Amberols offered in trade. Send for my free want list, enclosing list of your "needs". Earl Mathewson, 141 - Fourth St., Toronto, Ont., Canada M8V 2Y6.

(8-75)

ITEMS FOR TRADE

Regina Hexaphone; Pathé 2" and 3"; MacDonald AB (2" & 5"); Victor VI; CAILOPHONE PARTS. WANT: Table model hexaphone, Illustrated Song Machine. See my ad in PHONOGRAPHS WANTED COLUMN this issue. Jerry Madsen, 8115 Emerson Avenue South, Minneapolis, Minn. 55420.

(7-75)

**MISCELLANEOUS
FOR SALE**

Beautiful gold award decal for Columbia Graphophones. First time available, authentic reproduction, \$1.25 ea. or \$5.00 for five ppd. Satisfaction guaranteed. Bill Sorice, 16 Hilltop Drive, Manhasset, N.Y. 11030. (1-76)

Old wall telephone with shelf. Excellent condition. Dial inside can be used for extension. Trade for old radios or horn phonographs. Angelo di Pierro, 402 Luther Dr., Santa Clara, Calif. 95051

"His Master's Voice Was Eldridge R. Johnson"
A Hard Cover Book by E. R. Fenimore Johnson



An authentic history of *The Victor Talking Machine Company* and biography of its founder, written by his son. Profusely illustrated and with fascinating information heretofore undisclosed, it is well worth reading by anyone interested in antique phonographs and records. Also includes a complete patent list of Johnson's inventions. A must for collectors!

Send check to **Gold Star Publishing Company, 90 Cricket Avenue, Ardmore, Pa. 19003** for \$10.00, plus postage of 26¢. For Canada, add 8¢ extra postage. Pennsylvania residents please add 6% sales tax. *Dealers Inquiries Invited.*

MISCELLANEOUS FOR SALE

Original unused mainsprings, gears and other parts for Edison, Columbia, and Victor etc. Send 2 dimes for free list. Harold Braker, 528 Borebank St., Winnipeg, Manitoba, Canada R3N 1E9. (8-75)

Edison long-play diamond discs #10001 thru 10008 and 30002; mint nickel Edison LP head in orig. box and orig. LP gear attachment, \$460. for all. Kenneth Snowden, 2211 Jones St., San Francisco Calif. 94137. (7-75)

Ragtime Rastus jointed dancing doll for Victor and most other disc machines. Exact reproduction of original. Complete doll & mechanism ready to dance. Send \$1.00 for color photo (applicable to purchase), or \$38.50 plus post. Satisfaction guaranteed of course. Individual parts available, prices on request. George Zalewski, 30 Lakeview Dr., Patchogue, N.Y. 11772. (7-75)

Edison reproducers: Model O, \$175.; Model R, \$95.; Model K, \$95.; Model H, \$65. MODEL C, \$55.; all plus postage. Dave Martens, 7 Constitution Blvd., New Castle, Del. 19720. (7-75)

Decal for 2-4 minute Edison Standard Phonograph bed-plate border, looks identical to original gold leaf design, only \$5.48 per set ppd. O. J. Tribe, 235 Preston Ave., Logan, Utah 84321. (9-75)

Have weekly Radio Series, *The Voice in the Horn*, and would appreciate willing, knowledgeable pre-electric record collectors as contributors. For more information, please write Dave Giovannoni, c/o KUOP-FM, Stockton, Cal. 95211. (2-76)

Say you saw it in APM!

MISCELLANEOUS WANTED

Collector wants horn phonographs, musical automata, early wireless, unusual old telephones. Cash or trade. Please write. Bill Hoffman, 2570 Falcon Street, East Meadow, N.Y. 11554. (7-75)

Need information on old typewriters? Send SASE to Don Sutherland, 28 Smith Terrace, Staten Island, N.Y. 10304. Will buy or trade for ones needed for research.

Lux Novelty clocks in good original condition. Also old tobacco and cigarette tins. Price & cond. Steve Freeman, 2534 W. 2nd, Brooklyn, N.Y. 11223.

Want Mills Violano, matching record cabinet for Victor VI, cabinet to hold discs and also discs for 15½" Regina Music Box. Foster Stulen, 18 Holyoke Road, Somerville, Mass. 02143. (8-75)

I wish to correspond with collectors interested in swapping discs, cylinders, machine parts, needle tins, catalogs, phonograph journals, etc. References available. Eric Campbell, 6 Crane Street, Homebush, N.S.W. Australia 2140.

Phonographs and parts, reasonable in Wisconsin. Call or write. James Garrity, 722 Elmore St., Green Bay, Wis. 54303. Or (414) 432-8066.

Want to buy: Aeolian Duo-Art Pipe organ rolls. John Farnsworth, RD 1, Marion Center, Pa. 15759. Or (412) 254-2840.

ANTIQUE SHOPS

When in New York, visit BACK PAGES ANTIQUES for quality brass and oak at reasonable prices. Located at 3011 Avenue J, Brooklyn, N.Y. 11210. Or call (212) 252-7874. Now buying old decorative Wurlitzer jukeboxes. Thanks.

SERVICES

Custom repairs. Almost any gears or parts made. Write first. **Star Phono Service**, 609 Fermery Drive, New Milford, N.J. 07646. (10-75)

All dents removed from brass and pewter horn bells, up to 16½" bell, \$10.; 18½" bell, \$12.; etc. plus post. Satisfaction guaranteed. Cecil Dancer, 1163 Cherry Ave., San Jose, Calif. 95125. Or (408) 286-0526. (9-75)

☆ *Introducing* ☆
The
**Zalewski Talking Machine
Works**

*Supplies, Custom-made parts
Repairs*

Proprietors: George & Dan Zalewski

We are proud to announce the formation of a comprehensive Phonograph Supply Service. In the beginning, we will be offering a varied line of excellent reproduction parts and accessories, as well as many original parts for phonographs. We will add new items to our list on a regular basis, and want to offer parts not generally available. Write for our free list and let us know what parts you need to complete your phonographs. Prompt estimates for custom work, and satisfaction guaranteed! **Zalewski Talking Machine Works**, 30 Lakeview Drive, Patchogue, N.Y. 11772. Or (516) 475-7340 after 6 pm. (10-75)

☆ *PLEASE NOTE: All ads for the October issue must be received before September 25, 1975. Remember, when you advertise in APM, you get results!*